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DIALOG(R) File 351:Derwent WPI

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Hydrophobic textile - treated by simultaneous water proofing oil
proofing and anti-static finishing

Patent Assignee: TOYO SPINNING CO LTD (TOYM)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 72008797	/	B				197211 B

Priority Applications (No Type Date): JP 6884773 A 19681119

Abstract (Basic): JP 72008797 B

One side of the hydrophobic textile is sprayed with water and/or oil repelling agents, or is coated by means of roller coating method, or is immersed in the finishing agents and padded. In the last method, the textile is overlapped in three layers to apply the finishing agents to one side only. As water and/or oil repelling agents, various modified waxes, silicone, etc., are used. Then the other side of the hydrophobic textile is treated with the soln. contg. antistatic agents such as anionic phosphates, polyoxyethylene, etc. The antistatic agents are applied by means of spraying, coating or immersing method. The antistatic agents are contained 0.5-5wt.% in the textile, then dried and heat-treated for 5 mins. at 150 degrees C.

Derwent Class: A35; F06

International Patent Class (Additional): D06M-000/00